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HEDMAN COSTIGAN

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Serial No. 10/088,963

SPECIFICATION AMENDMENTS

Please insert the following on page 9, after the first full paragraph:

- -- Figure 2a is a partial perspective of the first exemplary embodiment of Figure 1 of the lamp with the luminous element but without the reflector;
- Figure 2b is a partial perspective of the first exemplary embodiment of Figure 1 of the lamp with the reflector but without the luminous element and the the upper housing part;
- Figure 2c is a partial perspective of the first exemplary embodiment of Figure 1 of the lamp; --

Please insert the following on page 9, after the last full paragraph:

- -- Figure 12 is a partial cross section of the covering of the alternative embodiment of the lamp shown in Figure 11.
- Figure 13 is a partial plan view of an upper portion of the covering of Figure 12.
- Figure 14 is a partial plan view of an upper portion of the covering of Figure 12.
- Figure 15 is a partial perspective of an upper portion of the covering of Figure 12.

On page 1, before the first full paragraph, please insert:

-- FIELD OF THE INVENTION --.

On page 1, before the second full paragraph, please insert:

-- BACKGROUND OF THE INVENTION --.

On page 1, before the fourth full paragraph, please insert:

-- SUMMARY OF THE INVENTION --.

On page 8, before the paragraph beginning with "Figure 1", please insert:

-- BRIEF DESCRIPTION OF THE DRAWINGS --

On page 10, before the first line of the page, please insert:

-- DETAILED DESCRIPTION OF THE INVENTION --

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DRAWING AMENDMENTS

Proposed corrections to the drawings are shown in red on the attached sheets.

These corrections include the removal of the wording "ERSATZBLATT (REGEL 26)" from the sheets containing figures 2b, 2c and 14 and the removal of the reference characters 32-50 from Figures 2a to 2c and 13 to 15.

Applicant will provide formal drawings showing the proposed corrections upon the finding of allowability, prior to payment of the issue fee.

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Figure 7 is a perspective view of the spatial design of reflector 8 and lower housing part 4 depicted in Figure 6. In this connection, it is well discernible that surfaces 12 of reflector 8 which, in cross-section, have the shape of circular segments, as is shows in Figure 6, each correspond to a cylinder envelope in the three-dimensional embodiment. The two cylinder envelopes are abutted against each another along axis of symmetry 25. Using this design, the optical path shown in Figures 4 and 5 is obtained in the reflected light along the entire length of tubular luminous element 1 so that the reflected light is not reflected by reflector 8 into luminous element 1 but guided around it. In this manner, the high luminous efficacy described above is guaranteed along the entire length of luminous element 1.

Figure 8 shows a further embodiment of a reflector 8. Here, a perforated plate 18 is concerned which is made of a reflective material such as aluminum and which has holes 18a and webs 18b located therebetween. Reflector 8 is partially transparent since it reflects the light beams impinging on it from a luminous element 1 only at the locations at which there are webs 18b between holes 18a. If a light beam falls on one of holes 18a, then this light beam passes through reflector 8 in an unhindered manner. The degree of transparency of reflector 8 and thus, of its glare suppression characteristic through the reduction of the luminance perceived by the observer is determined by the relation of the area of holes 18a to the area of webs 18b and the hole size itself. Such a reflector 8 in the form of a perforated plate 18 is very easy and inexpensive to manufacture, for example, by punching holes 18a out of an aluminum sheet. Thus, the buyer of a lamp 24 can chose the reflector 8 which suits him and insert it into lamp 24, depending on the use of lamp 24 and the desired properties thereof.

Figure 9 shows a further embodiment of a reflector 8. Reflector 8 has a transparent substructure 13 made, for example, of a transparent plastic such as Plexiglas. A reflective, perforated material 14 which can be, for example, metallic, is applied to transparent substructure 13 using a screen-printing technique. This reflector 8 reflects light beams which impinge on reflective material 14. Here too, the degree of reduction in luminance attained by reflector 8 depends on the relation between the reflective area and the transmissive area and PAGE 23/24*RCVD AT 3/18/2004 11:46:22 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/1* DNIS:8729306* CSID:2123028998* DURATION (mm-ss):05-38

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on the hole size. This means here, that the degree of reduction in luminance can be adjusted by the size of the area to which reflective material 14 is applied. A reflector 8 of that kind can be specially customized as well, and produced in many different variants with regard to the reductions in luminance.

Figure 10 depicts another exemplary embodiment of a reflector 8. This reflector 8 has a transparent substructure 13 as well. This transparent substructure 13 has bonded thereto a film 17 which features reflective regions 15 and transparent regions 16. With regard to the degree of reduction in luminance and to the ease of manufacture or the response to customer wishes, the same applies as has already been explained above with regard to Figures 8 and 9.

Figure 11 shows a further exemplary embodiment of a lamp 24. Here, a suspended lamp is concerned which is attached to a ceiling 21. Lamp 24 is shown here only schematically, upper housing part 5 and lower housing part 4 being depicted with gaps 7 situated therebetween. On the other hand, neither connecting means 10 nor luminous element 1 are shown. Lamp 24 is made so light that it is sufficient to suspend it from ceiling 21 at two sheathed electric cables 20 conducting the electric current. There is not need to use steel cables for that purpose but these could be used in additionally or incorporated into the sheathed cable. The fixing points of sheathed electric cables 20 at ceiling 21 are covered by a covering 22. Covering 22 is designed as a canopy. The covering is concave with respect to lamp 24 and extends parallel to the longitudinal extension of lamp 24. In cross-section, it has the shape of a circular segment just as the cross-section of upper housing part 5. Thus, a design in the form of a cylinder envelope segment ensues for covering 22. Apart from the aesthetic effect that the fixing points of lamp 24 at ceiling 21 are covered, such a covering 22 has also a positive effect on the illumination of the whole room in which lamp 24 is located. Due to the concave design with respect to lamp 24, no punctiform high luminances, so-called "luminance peaks" occur but a homogenous luminance distribution ensues. Thus, the light beams in the light emitted or reflected upward which are scattered at covering 22 bring about a uniform indirect illumination of the room which is pleasant for the observer. The two points at which the two

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